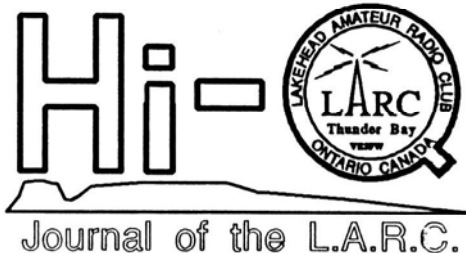


Club Repeaters:

VE3TBR —Tel. 767-7661
Listen on: 146.82 MHz.
TX on: 146.22 MHz.

VE3YQT—Tel. 767-5492
Listen on: 147.06 MHz.
TX on: 146.46 MHz.



Next meeting:

7:30 p. m.
Thursday, Oct. 13th
1994

Room 245, McIntyre
Building,
Confederation College.

October, 1994

LARC is a member of Radio Amateurs of Canada

Ham Classes

Pass the word! Classes this year will be Wednesday nights 7 to 9 pm. at Sir Winston Churchill High School, starting the first week of November. Ed, VE3SNW, has recruited some able assistants to help this year. If you know of someone interested in amateur radio, tell him or her about the classes. we hope to have a good turn out again this year.

Please send the requested information to VE3BOC @VE3ZRD.#SCON.ON.CAN.NOAM as a private message via packet or by mail to Phillip Boucher 2690 Widemarr Rd. Mississauga, Ontario L5J 1M3.

It sure looks as though Phillip will be busy for the rest of his lifetime. We wish you success, Phillip.

Canadian Repeater Directory

While browsing through messages on Terry's BBS I found what looks like a career change in the works. Phillip Boucher VE3BOC of Mississauga is planning to publish a Canadian Repeater Directory. From the list below, which he proposes to include in the directory, it will be a very useful item for Canadian travellers. If you or your Club operate any repeaters Phillip wants to hear from you. You can send the following information for inclusion in his book:

- ✓ Repeater Callsign
- ✓ City or Town
- ✓ Input and Output
- ✓ CTCSS In and/or Out
- ✓ Open or Closed Repeater
- ✓ Open or Closed Autopatch if available
- ✓ Sponsor or Owner's Call or Club Name
- ✓ Approximate Major Intersection Location
- ✓ Antenna Height
- ✓ Antenna Design (ground plane, folded dipole, etc.)
- ✓ Output Power and/or ERP
- ✓ DTMF procedures for accessing open repeater or open autopatch
- ✓ Special Features (reverse autopatch, weather announcements, bulletins, etc.)
- ✓ Closed repeater or closed autopatch and Club membership information
- ✓ Autopatch or membership address and/or phone number
- ✓ Approximate coverage area
- ✓ Network and/or IPARN linking information (membership info if closed, access info if open)
- ✓ Other information you wish to include

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Moving? Be sure your Hi-Q follows you! Send your change of address notice to:
LARC — Hi-Q • P.O. Box 2571 • Thunder Bay ON P7B 5G1 Canada

Lakehead Amateur Radio Club History Project

CW is not dead!

Ships with up-to-date communication equipment have the occasional need for more a dependable mode. A recent Canadian Press article reports that the Canadian Coast Guard icebreaker, Louis St. Laurent, and the American Coast Guard icebreaker, Polar Sea, had successfully reached the North Pole. Captain David Johns, a coast guard spokesman in Ottawa reported that communications had become unreliable on Monday, August 22, while the ships were at the Pole.

According to the report, "For most of Monday, the only communication with the two ships was by Morse code because electromagnetic interference from the Pole made voice transmission impossible by either radio or satellite telephone. A Canadian Press reporter managed to receive a barely decipherable voice from the Louis on Monday night, but could not make himself heard."

The ships are the first North American surface ships to reach the North Pole. U.S., British and Russian submarines have made the trip beneath the surface many times. Surface ships from Sweden and Germany as well as four Russian ships, some with tourists aboard, routinely cross the Pole.

*From The Canadian Press items in Thunder Bay, The Chronicle-Journal (August and September '94)
via Bill, VE3AJ.*

"Worked Ontario Ports" Award

Bob Morden, VE3EIM, offers an award for working ports in the Province of Ontario. There are no band or mode

restrictions, but all contacts must have been made since January 1, 1990. QSL cards are not required.

North American amateurs must contact at least ten different port stations located along the shores of Ontario. All others need only work five. Such port stations are Port Albert, Port Burwell, Port Royal, etc.

To apply for this award, please prepare a list of contacts showing call, date time, mode and the location of the station worked. Include a fee of \$2.00 (U.S.) or 10 IRC and send to Mr. Robert Morden, VE3EIM, 106 Renny Crescent, London, ON N6E 2C5, CANADA.

*From September '94 "Worldradio" Magazine—
Lou Ann Keogh, KB6HP, Editor.*

New column

To start the '94/'95 season, this issue introduces a new "Personality of the Month" column. One of our contributors, Ian Mellis, VE3RIM has "volunteered" to research and write articles related to ham radio and life in general as experienced by various Club members. Since we now have a full slate of Life Members, the first few issues will focus on the early activities of members of the Senate.

Printing and postage costs being so high, we have to keep the length of these stories to about one page. There will of course, be many details not revealed in our limited space.

We hope the articles will arouse a craving for more information. Invite one of the featured hams for a coffee. Encourage him to tell you some of the unpublished details.

Let us know what you think of the series.

1994/95 LARC

Founding President
P.J. (Pat) O'Shea VE3FW
1881—1972

SENATE

Bill Roberts, VE3ARN
Keith Fiske, VE3JQ
Bert Lambert, VE3BKY
Ray Greer, VE3CH
Hugh Elliott, VE3EDW
Bill Kiernacki, VE3AJ

EXECUTIVE BOARD

President:	Terry Stewardson	VE3TKA	677-9439
Vice-President:	Ed Baumann	VE3SNW	622-1216
Secretary:	Norm Bell	VE3XRC	677-9316
Treasurer:	Skip Wright	VE3BBS	767-2307
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	Len Catillo	VE3KV	473-9430
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Past President:	Mark Vukovich	VE3VUK	345-6866

Hi-Q

Editor: Jim O'Brien VE3UA 623-7893

CLUB AND NEWSLETTER INFO

Hi-Q is published September through June by the Lakehead Amateur Radio Club Inc. (LARC), an Ontario registered, non-profit corporation. The opinions/viewpoints expressed or implied in Hi-Q are those of the contributing authors; the LARC, Hi-Q or its' Editor assume no responsibility for the accuracy of information submitted. Material in Hi-Q may be copied for non-profit use by the amateur radio community provided credit is given

to the author and source(s).

Contributions related to amateur radio, and in particular articles of interest to Northwestern Ontario amateurs, are encouraged. Contributions in the form of manuscripts with drawings and/or photographs are welcome, however, the preferred method of submission is electronically, either via modem or on a 3.5" disk, the disks will be returned. The preferred format is as a WordPerfect 5.1 file; the next acceptable is as an IBM-compatible ASCII file.

Mail your articles direct to the Editor, Jim O'Brien at 737 South Norah Street, Thunder Bay, ON, P7E 1P6. Files may also be submitted via modem by prearrangement at (807) 626-9648 (2400 N. 8, 1) or on PACKET to VE3UA @ VE3TKA.#NON.ONT.CAN.NA.

Dated announcements should be received by the Editor no later than ten days prior to the first day of the month in which the notice is to appear.

As a means of reducing production and distribution expenses, Hi-Q will accept advertising at the following per-issue rates: Full page — \$60.00; ½ page — \$40.00; ¼ page — \$20.00; and 1/8 page — \$15.00. Reduced rates, of one third off, are available upon receipt of advance payment for 10 issues (i.e. one full year). Send your "camera ready art work" and cheque (payable to LARC) to the Club address below.

Advertising matter that appears in Hi-Q implies neither endorsement nor recommendation of the product or service by the LARC, Hi-Q or its' Editors.

LARC membership fees, determined annually, are set for 1994/95, as follows: Regular — \$30.00; Associate — \$20.00; Associate (attending Ham classes) — \$80.00; Student (attending school full time) — \$15.00; and Family — \$30.00, plus \$10.00 for each additional family member at the same address.

Hi-Q is distributed to all LARC members, except that only one copy is issued to each address.

In honour of the memory of our founding President, Mr P.J. (Pat) O'Shea, the club call is VE3FW.

LARC owns and operates two VHF repeaters, VE3TBR on 146.82 MHz (minus) located atop St. Joseph's Heritage, and VE3YQT on 147.06 MHz (minus) located on Mount Baldy.

The club mail address is: Lakehead Amateur Radio Club Inc., P.O. Box 2571, Thunder Bay ON P7B 5G1 Canada.

Personality of the Month

Bert Lambert—VE3BKY

On August 27, 1994, at the age of eighty years, Bert Lambert was made a Life Member of the Lakehead Amateur Radio Club.

Bert has spent his whole life in this area. While talking to him, Bert took me back in time to the year, 1932 when he was eighteen years of age. He spoke of going fishing at Point de Meuron where the former Northwest Fur Trading Company trading post, Old Fort William, now stands as a tourist attraction. They used to catch twenty-four inch pickerel after riding out there on the street-car with their bamboo fishing poles held outside the windows. Bert spoke of the Depression when he was growing up as a teenager. There were few jobs. He spent one summer helping to build the Trans-Canada Highway. The work was done with horses, wagons, picks shovels and axes. For fun they used to sit on Victoria Avenue and watch the girls go by.

When Bert was in his early twenties he began working for Mahon's Electrical Company doing house wiring for thirty-five cents an hour. Work started at eight o'clock. The employees sat on a bench until called for a job. If a call did not come in, there wasn't any pay. As Bert said, "You learned the value of a dollar, but it was good experience."

During these years, Bert liked to listen to AM radio on earphones to such stations as KMOX, St. Louis; WLW, Cincinnati; WLS, Chicago; KDKA, Pittsburgh and KOA, Denver.

In 1934 Bert's younger brother, Eric had just completed a Radio College of Canada Correspondence Course in Practical Radio and had assembled a five tube radio. In 1936 he attended Pat O'Shea's Radio Class and got his ham licence and station call VE3BV.

During this time, Bert started to build one or two circuits under Eric's guidance. He remembers a little two tube battery receiver mounted in a cigar box and a one tube self-excited transmitter. Eric's station consisted of a three tube regenerative receiver as well as a twenty-five watt crystal controlled transmitter for 80, 40 and 20 Meters.

When second World War was on being waged Bert tried to enlist into the Air Force and into the Navy. On his physical examination, he was passed by three doctors but was rejected by the last doctor because of poor eyesight. This still angers Bert because he got 95% on his radio trade test and was not allowed to go overseas!

For the war effort Bert worked as an electrician at a shell (bullet) manufacturing plant on Mission Island where they made 4.5 mm shells (about two feet long) from steel blanks which were machined on lathes. These had detonators attached on one end with lead on the other. They were then shipped to southern Ontario to be filled with explosives.

Twice during his working years, Bert found himself unemployed. The first time was when the shell plant closed and he found a job because of his amateur radio licence. He was hired by the Ontario Department of Lands and Forests as a Radio Operator at Savanne.

It was after the War that amateur radio operators were allowed back on the air and war surplus equipment and parts were in plentiful supply. Bert put together a rig using Push-Pull 807's and modulated with a pair of 807's for about 100 Watts CW and 75 Watts AM phone. The receiver was a five tube het. The Canadian Air Force had a cross-country traffic net going and since Fort William and Port Arthur were needed in the link, Bert and a few others were issued crystals for the Net frequency.

For a job, Bert began to work for the Fort William Hydro

Commission as a lineman climbing poles with spurs. He wanted to become an electrical substation operator but officials needed linemen. He could not see himself still climbing poles until he was sixty-five so he quit his job. This still upsets Bert because as he says, "It is the only job that I quit!"

Once more Bert was out of a job but he was hired as an electrician back at the old shell plant where he had worked during the War. This time they were manufacturing edible oil from rape seed from the West. The owners promised him fifteen years of work but fifteen months later the plant closed and Bert was again out of a job but he managed to get back again with the Ontario Department of Lands and Forests as a Radio Operator for the summer.

Coming back into Fort William once more Bert became employed at Elevator D on the Kaministiquia River as an electrician. While doing the night shift, he would build radio equipment and it was starting in the early 1950's that Bert was most active in the Lakehead Amateur Radio Club.

In 1955 Bert joined the City of Fort William in the Building Permits Department. When the cities of Port Arthur and Fort William were amalgamated to form the City of Thunder Bay, Bert was appointed the Manager of the Building Permits Department. This was his biggest challenge to date. He was involved with the development of the Green Acres and Northwood subdivisions as well as the Intercity area and the subdivisions in the North Ward as well as Urban Renewal. Radio club activities had to be relinquished about 1965. Bert just did not have the time for his hobby.

The Federal Government brought in the National Building Code. The Ontario Government followed suit and then the Municipal Governments had to update and realign their building codes and develop new bylaws which then had to be enforced. Bert had to manage all of this. It was during this time that Bert helped organize the Ontario Building Officials Association. He has since been made a Life Member of that organization. In 1979, at the age of sixty-five Bert retired from the City of Thunder Bay.

Retirement has not stopped Bert. He now had time to get back into amateur radio. He was instrumental in starting the amateur radio station in Grandview Lodge Home for the Aged and was the President for ten years. Today he is the Vice President. Bert was also involved in getting the radio stations started at Dawson Court Home for the Aged and at the 55 Pus Centre.

Over the years Bert has been a Board member of McKellar General Hospital and a member of Rotary International.

Bert is one of Canada's "Snowbirds". He and his wife spend their winters in St. Petersburg, Florida where he stays in radio contact with his friends in Thunder Bay and elsewhere.

Addendum

Bert was born with one good eye and 20% vision in his other eye. When he was twelve years old a doctor told his parents that Bert could only hope to become a farmer.

On September 5, 1994, Bert underwent eye surgery to remove a cataract from his one good eye.

On September 14, 1994, Bert informed me that the doctors think the operation was a success.

Ian Mellis, VA3RIM.



Minutes of a meeting of the Lakehead Amateur Radio Club held in Room C229 at Confederation College Thunder Bay, Ontario on September 8, 1994

The meeting was called to order at 7:30 pm by the President VE3TKA, Terry Stewardson with 50 members and guests in attendance. The meeting started with a round-table of those in attendance introducing themselves.

Minutes of the previous meeting:

The minutes of the previous meeting held June 9, 1994 were published in detail in the September edition of "Hi-Q" and mailed to all members. The secretary pointed out one mistake in the printed minutes - in the Treasurer's report, the balance forward as of May 12, 1994 should have read "\$-288.36".

Motion: moved by VE3SNW, Ed Baumann and seconded by VE3AJ, Bill Klemacki that the minutes be accepted as amended. **Carried.**

Correspondence:

A letter was read from VE3AJ, Bill Klemacki re his appointment as a life member of the Lakehead Amateur Radio Club.

A letter was read from VE3JAU, Glen Anderson re a possible conflict of interest by some members of the present executive.

A letter was read from VE3TKA, Terry Stewardson in his capacity as president of the Lakehead Amateur Radio Club in reply to the letter from VE3JAU, Glen Anderson. (both of these letters were distributed with the September edition of "Hi-Q")

The President then opened up the floor for discussion of the above two letters and advised those present that all questions were to be directed to the "chair". VE3JAU, Glen Anderson stated that he wished to apologize for some of the points listed in his letter, they were kind of strong. Glen distributed a rebuttal sheet to the letter sent by the Lakehead Amateur Radio Club. He still had some questions that he felt required answers. Who was responsible for the mail-out re "Hamfest 94"? Answer, Lakehead Amateur Radio Club executive. What dealers were asked to participate in the mail-out? Answer, the two dealers who indicated that they would participate in "Hamfest 94". Who was responsible for contacting the dealers? Answer, VE3KRH, Steve Robb stated that he was responsible for contacting the dealers who might want to participate in the Hamfest. Why was the mail-out for the Hamfest paid for by private individuals and not by the club? VE3SNW, Ed Baumann pointed out that not all projects were paid for by the club treasury. Glen also asked questions regarding the new controller for VE3TBR (2 years ago) and the antenna for VE3SAO (4 years ago). Glen also questioned the purchase by the club of a transmatch from an estate sale and then selling it to VE3OPF, as well as the disposal of other assets from the estate through the club. VE3KV, Len Catillo pointed out that it was a common practice for amateur radio clubs to help out in the selling of amateur radio equipment from estates as the clubs new the value of the equipment and had the contacts to sell the equipment to other amateurs. Glen questioned the club's "non-profit" status according to government definition. VE3TKA, Terry Stewardson pointed out that no member has ever received any money from being a Lakehead Amateur Radio Club executive member. As well, Terry pointed out that the club has never purchased anything from Garantennas which is owned by VE3BBS, Skip Wright.

Motion: moved by VE3JAB, Bob Bishop and seconded by VE3SNW, Ed Baumann that a motion of confidence for the present executive be voted on and the present discussion taking place be tabled. **Carried.**

Correspondence continued.....

A letter was read from RAC proposing a procedure whereby clubs could become involved in the recruitment of amateurs into RAC. The executive will discuss this letter and bring a recommendation back to the general membership of the club.

Treasurer's Report:

VE3BBS, Skip Wright reported the annual 1993-94 financial statement as of August 30, 1994 as follows:

Balance as of June 9, 1994	\$469.38
Expenses	\$2,324.73
Income	\$2,437.95
Balance as of August 30, 1994	\$582.60

Motion: moved by VE3BHN, Bob Gillespie and seconded by VE3ICY, Glen Wallace that the Treasurer's report be accepted. **Carried.**

President's Report:

Hamfest '94 and 60th Anniversary Dinner:

VE3TKA, Terry Stewardson reported on the Hamfest and 60th Anniversary dinner. Things were a little hairy at times. We made a couple of mistakes which will be corrected next time. All in all, everything went well. There were over 100 people at the Hamfest and 85 at the dinner. The RAC table sold \$650.00 in books on amateur radio. The total cost of the Hamfest and dinner to the club was approximately \$70.00.

Old Business:

Call Books: VE3GTX, John Watson reported that the cost of the new call books was \$1914.75. Our income including the paid advertising in the call books is now \$2090.00. We are now showing a profit.

New Business:

Amateur Radio Classes: VE3SNW, Ed Baumann announced that the radio classes leading up to the basic licence would be coming on line in November. He is looking at possibly using a new manual which also includes the question bank instead of using "Talk To The World".

Boy Scout Jamboree On The Air: will be held October 15th and 16th for anyone who is interested.

Elections:

The Floor was turned over to the chairman of the nominating committee VE3NPS, Nestor Procup. Nestor presented the nominating committee report; for President - VE3TKA, Terry Stewardson; for Vice President - VE3KRH, Steve Robb, VE3SNW, Ed Baumann (nominated from the floor); for Treasurer - VE3BBS, Skip Wright, VE3JAU, Glen Anderson and VE3KRII, Steve Robb (Steve declined); for Secretary - VE3XRC, Norm Bell; for Directors (4 to be elected) - VE3WRZ, Dave Ross, VE3KV, Len Catillo, VE3GTX, John Watson, VA3LEB, Len Bougie, VE3GWT, Gary Michaluk, VE3ICY, Glen Wallace and VE3OPF, Axel Rehffuss.

Motion: moved by VE3OPF, Axel Rehffuss and seconded by VA3ER, Ed Rehffuss that voting be carried out by secret ballot. **Carried.**

Three scrutineers were appointed, VA3VJH, Vern Hicks, VA3GOT, Randy Gottfried and VA3MOB, Moe Bell.

Ballots were passed out due to the fact that elections were required for the positions of Vice President, Treasurer and Directors.

The first ballot cast was for Vice President. VE3KRH, Steve Robb received 21 votes and VE3SNW, Ed Baumann received 24 votes. The second ballot cast was for the position of Treasurer. VE3BBS, Skip Wright received 38 votes and VE3JAU, Glen Anderson received 5 votes. There were 2 spoiled ballots. For Directors, VE3WRZ received 12 votes, VE3KV received 32 votes, VE3GTX received 30 votes, VA3LEB received 24 votes, VE3GWT received 26 votes, VE3ICY received 33 votes and VE3OPF received 21 votes.

Motion: moved by VA3BEL, Vic Bel and seconded by VE3KRH, Steve Robb that the ballots be destroyed. **Carried.**

The following are your executive for 1994-95:

President	VE3TKA Terry Stewardson
Vice President	VE3SNW Ed Baumann
Secretary	VE3XRC Norm Bell
Treasurer	VE3BBS Skip Wright
Past President	VE3VUK Mark Vukovich
Directors	VE3KV Len Catillo VE3GTX John Watson VE3GWT Gary Michaluk VE3ICY Glen Wallace

Motion: moved by VE3KV, Len Catillo that the meeting be adjourned. **Carried.**

50/50 Draw: winner of the 50/50 draw was VA3DPB, Don Bel.

Draws were held for one item left over from the Hamfest and a one year membership to RAC which was won by Linda Wright at the 60th Anniversary dinner and which she donated to the club. Winner of the Wrist Remote Controller was VA3ER, Ed Rehffuss and the winner of the RAC membership was VE3DZR, Dwayne Randle.

60-Years of Ham Radio at the Lakehead

Text of a speech delivered at the 60th Anniversary Dinner by Bill Klemacki VE3AJ

A meeting of the Radio Amateurs of the District was held at the Fort William Y.M.C.A. on April 17, 1934, in order to organize as a body. Following dinner, Pat O'Shea, VE3FW, was made chairman and the meeting was called to order. Present at the initial meeting was the local Radio Inspector, A. C. Powley.

A committee was then struck to find a suitable name for the new organization.

Elected as Officers of the Club were Pat O'Shea, VE3FW as President and Bruce Grant, VE3JJ as Secretary-Treasurer.

It was moved and carried that only those with Amateur Experimental Certificates be eligible for membership.

A yearly donation of fifty cents by each "fellow" was to be made.

Such was the beginning of the Club of Radio Amateurs at the head of the Lakes that was shortly to be known as the **Canadian Lakehead Wireless Experimenters Association**.

It is interesting to note that the vast majority of Club members came from Fort William, with only a few from Port Arthur.

Another item to make note of then, was a big push for a No-Code Amateur licence. Sound familiar?

C.W. was virtually the only mode of communications then and all transmitters were home-made with precious tubes, hand wound coils, and scrounged components. The Receivers were regenerative and sometimes Super-regenerative. Antennas were strictly long-wires with ladder-line feeders or just end fed wires and a tuning arrangement. Only two locals were known to be on phone then, VE3FW and VE3GS, with partially home-made gear.

All communication services then were controlled by the Department of Marine. The Radio Inspector locally was A. C. Powley, and the RI's office was located in the Customs Building on North May Street in two small cubby-holes for offices. He had a Secretary, Ena Cummings and by 1937, she held the call VE3APE. There was no intercom between the two offices, so the R.I. and Ena communicated through the use of buzzers and telegraph keys. Sounds like a great idea.

An interesting motion was carried by the majority of members at an early meeting that "female Amateur Radio Operators be barred from meetings". The reason for this was that the meetings were being held at the Y.M.C.A. The motion was never rescinded!

The years following this initial meeting up until 1939 were filled with both private and Club activities. For instance, here in 1994, we are getting ready for a major Nordic event, but in 1937, a request was made to the Club to set up a communications link for a ski jumping event at the original Fort William Ski Club. Keep in mind that there were no handheld radios in those days. Ray Greer VE3ACV and Brien O'Brien VE3UA volunteered to set up a 5-Meter link between

the top and bottom of a ski jump, providing officials at the top with the information on how a particular jumper fared. Ray's equipment was home-made while the other piece was a commercial RCA rig. Guess which one failed! This was one of the first known examples of Radio Club members performing a Public Service.

Being in the "Hungry Thirties", jobs were scarce, so a large number of the Hams then took jobs with the Department of Lands and Forests or Trans-Canada Airlines as Radio Operators. The Lands and Forest Crews were, of course, in the bush, with the Radio Operator providing fire information, keeping track of supplies, and personnel. They were also the highest paid of the crew, which led to some grumbling. The dissenters were quickly put in their place by a higher authority who told them "Of course they do.... they know more than you!" During the off-hours these fellas kept going on the air, by quickly retuning the equipment to the Ham frequencies. Keith Fiske, spent his working hours on various boats on the Great Lakes, including the James Whalen. At home, he was VE3JQ.

In early September, 1939, an Official Declaration of War resulted in the termination of all Ham Radio activities. The official word that went out to all Amateur Station licensees, was that "All activities will cease immediately, and all equipment must be completely dismantled". Bert Lambert, VE3BKY, took this literally and tore his station down to the smallest component, even unwinding his coils. Hitler was amused.

Because there was no on-air Radio activity, local Ham Radio Operators placed their multi-faceted talents at the Government's disposal, with many joining the Armed Forces as Radio Operators and technicians or "Wireless Artificers".

Following that conflict, Amateur Radio activities resumed in 1946, with all previous licence holders obtaining their original calls. Local Club activity picked up, with meetings starting at the G. B. Tea Room then at the Lorna Doon, in Fort William. There was much enthusiasm with all those pent up Radio frustrations now being released, and the availability of so much surplus equipment at bargain basement prices made things much easier to start experimenting with phone, A.M. of course. CQ Magazine started around this time and Fred Hammond, VE3HC started producing beam antennas for 10- and 20- Meters in Guelph. Coaxial cable was developed during the War for radar and huge stocks became available on the open market. Fred's beams used a balanced coaxial-line feed system. Ralph Parker, VE3HU had one on 20-Meters for many years.

The First Field Day was held at the Lakehead in 1948, at the top of Mount Baldy. Sixteen car batteries, wire, five transmitters, five receivers, and refreshments were hauled to the top, on foot. Thirty-eight contacts were made. Ask Bill Roberts, VE3ARN. He was there. Since, then Field Days have been held almost every year, some of the more memorable being at the Start estate on the banks of the mighty McIntyre using VE3AJ Portable.

1951 saw the Club's name change to the **Lakehead Amateur Radio Club** and in 1953, the E.M.O. had its first

Civil Defence exercise, with Club members taking part as a group. This participation was under the leadership of Les Harris, VE3AYZ.

Meeting places were a problem then as it is now. Various locations were used and at one point the Club even had use of property on 16th Avenue which is Intercity now. An elaborate wire vee-beam antenna system was planned with sixty-foot poles set up in a circle around a center support. However, members then were dissuaded from using this piece of land because of "liability problems", and so Hec Wilson, VE3DMZ took it over. He lost his home in a fire a few years later.

Finally in 1958, with the collaboration of Art Widnall, E.M.O. Co-ordinator, the Club moved into more permanent quarters in the then new E.M.O. Building, at the corner of Victoria and Waterloo, and a Club call was obtained, VE3ZCD. It was home for 25-years.

During the mid-fifties, Heathkit started up with simple kits, and eventually developed a line of Ham gear that became extremely popular. There was scarcely a shack anywhere that didn't have a preponderance of accessories from "the gang at Benton Harbour". Single Side-band also started in the 1950's with Collins hitting the market with their line of equipment. Ralph Parker, VE3HU, had a complete Collins station consisting of a KWS-1 kilowatt transmitter and a 75A-4 receiver. This was probably the first SSB equipment at the Lakehead. Charlie Macdonald, VE3GS had the S-line later and then Side-band became more common place in the early sixties. Many complained of the Donald Ducks on the air but they soon joined the ranks. A.M. quickly became an antique, relegated to a few die-hards.

The early sixties saw a very steady membership in the Club with very little growth. Dave Kimpton, VE3AVS and Hans Dornbusch, VE3EEN began classes to help increase the number of new Amateurs. Dave wrote a manual that was used for classes for a number of years, until Doc Tarnnow, VE3FSE came here from Toronto and he brought with him a new course layout, that became the standard.

Since then, there has been constant upgrading of course material to try for that ultimate volume that would make the understanding of the mysteries of electronics easier to comprehend.

Bert Tamblin, VE3ANP was the original editor of the Club bulletin, that was originally known as "QRM", and he renamed it "Hi-Q" in the mid-fifties. Since then there have been a number of Editors for the bulletin, which has always been probably our most demanding job. Our slick publication that is coming out now is a far cry from those early one-pagers.

Until the early 70's, the bands of choice were 20-meters or 10- or 75-. All H.F. VHF was the realm of a chosen few, with J.C. Bailey, VE3DGZ and Ray Forslund, VE3EDZ homebrewing their A.M. modulated transmitters and VHF receiving converters, to try to make that elusive cross-town and then the cross-the-lake QSO. They finally managed, then Ray brewed up a transverter for 2-meters, just in time to hear the first OSCAR Satellite's "HI HI" as it orbited the Earth in 1961. With a succession of orbiting satellites on the higher Ham bands, Ray finally managed a two-way QSO on Oscar-3,

the first Lakeheader to do so.

In 1973, Villy Madsen, VE3GHO and Don Mackay, VE3GST began construction of our first Ham repeater. They applied for the call **VE3YQT**, basing it on the airport designation for Thunder Bay, but they never saw it through to installation because of job transfers, so VE3EDZ and Laurie, VE3BCD undertook the finishing of the construction. In 1974, with a crew of volunteers, the repeater was installed on CKPR-TV's Mount Baldy site. Phil Moorey, VE3AXL knocked on doors to get this approval, and also to round up the heliax for the antennas, which were homebrewed by VE3EEW. Since that original, temporary installation, which lasted 7-years, there have been 2- versions of **YQT** installed. A second Club Repeater was added in 1982, when the Club purchased **VE3TBR**.

Since that original involvement of Club members in 1937, various Public Service activities have come up that members could use to test their skills. Certainly one of the biggest was the cycling event in the Summer Games of 1981 in Thunder Bay where computers were used for the first time to keep track of participants in the race. The Legion Road Race, Sibley Ski Tour, the International Snowmobile Race which has gone by various names, Triathlon, and other athletic activities have kept our people in "shape". Our association with the Emergency Measures Organization and Lakehead Search and Rescue Unit goes back many years.

Computers have entered the shack in a big way, with microprocessors controlling our rigs, keeping our logs, helping us design that elusive, ultimate antenna, and providing new forms of speedy communications.

And there is the key word ... Communications. By whatever mode that we use to contact another individual, on any Ham Band, using the equipment we have on hand, be it humble or exotic, we carry on the traditions established 60- years ago by 17- men with a common interest Amateur Radio. And we honour them tonight...

Roll Call:

Dr. Quackenbush	VE3CH
Harry Raynor	VE3CX
Ken Dunphy	VE3DX
John Fieldhouse	VE3FQ
Pat O'Shea	VE3FW
Les Harris	VE3GB
Mike Caveney	VE3GG
Charlie MacDonald	VE3GS
Joe Sky	VE3HA
Ed Moore	VE3KN
Arnold Duncan	VE3LY
Stan Clark	VE3OZ
Art Chadwell	VE3QP
Ray Godsalve	VE3RA
Bruce Grant	VE3JJ
Brien O'Brien	VE3UA
Cec Partington	VE3WH

Gentlemen, we thank you. And I thank YOU for listening.

L.A.R.C. 60th Anniversary Dinner 1934 - 1994

by Norm Bell, VE3XRC

The 60th Anniversary of the Lakehead Amateur Radio Club was celebrated on Saturday, August 27, 1993 with a dinner held in the Stratford Room at the Landmark Inn with 85 amateurs and guests in attendance.

The festivities were hosted by Woody Linton, VE3JJA who started off the evening with each table introducing themselves. As well as amateurs and guests from Thunder Bay, Dryden, Kenora, Atikokan, Fort Frances, Geraldton, Gull Bay, Longlac, Murillo, Kakabeka Falls and Rossport were also represented at the dinner.

Following grace by Bob Bishop, VE3JAB, all those in attendance enjoyed a delicious smorgasbord.

After dinner, Woody introduced the first guest speaker, Jim Hughes from Scouts Canada who spoke on the 1997 Boy Scout Jamboree to be held in the Boulevard Lake area of Thunder Bay. This will be the first time a Canadian Jamboree is to be held in an urban area. Organizers are expecting approximately 12,000 Scouts along with 3,000 staff members to be in Thunder Bay for 10 days in 1997. As with Jamborees in the past, amateur radio will be involved in the operation of a station in the midst of the jamboree site. As planning is still in the early stages, Jim stated that the L.A.R.C. would be kept up-to-date on the involvement of amateur radio. Following his talk, Jim showed a video tape of the last Jamboree held in Alberta during the summer of 1993 to give those in attendance an idea of what a Jamboree is all about.

To quote Woody, "the next speaker needs no introduction". The floor was turned over to Bill Klemacki who spoke on the past 60 years of amateur radio in Thunder Bay. One comment brought some "boos" from the audience. Apparently in 1934, one of the club's rules was that female amateur radio operators were not allowed to join the club. Bill quickly pointed out that this was not discrimination on the part of the male members, but that the club meetings were held in the YMCA. (See Hi-Q for Bill's speech in its entirety.) At the conclusion of his speech, Bill called for a roll call of the original 17 members from 1934 which were Dr. Quackenbush, VE3CH; Harry Raynor, VE3CX; Ken Dunphy, VE3DX; John Fieldhouse, VE3FQ; Pat O'Shea, VE3FW; Les Harris, E; Mike Caveney, VE3GG; Charlie MacDonald, VE3GS; Joe Sky, VE3HA; Ed Moore, VE3KN; Arnold Duncan, VE3LY; Stan Clark, VE3OZ; Art Chadwell, VE3QP; Ray Godsalve, VE3RA; Bruce Grant, VE3JJ; Brien O'Brien, VE3UA and Cec Partington, VE3WH.

Next to be introduced by Woody was the present president of the Lakehead Amateur Radio Club, Terry Stewardson. Terry pointed out that our constitution allowed for six life members in the Lakehead Amateur Radio Club. Members so honoured are collectively known as the Senate. At present, there was only one, Bill Roberts, VE3ARN. He then had the privilege of bestowing "Life Memberships" on the following long time members of LARC who over the years have provided outstanding leadership and service to the club: Keith Fiske,

VE3JQ; Bert Lambert, VE3BKY; Ray Greer, VE3CH; Hugh Elliott, VE3EDW; and Bill Klemacki, VE3AJ.

The floor was then turned over to Skip Wright, VE3BBS and Norm Bell, VE3XRC for the drawing of the door prizes. Winners were Inc Rehfuhs, VE3OTV; Hugh Elliott, VE3EDW; Jim O'Brien, VE3UA; Dianne Loewen, VE3JAW; Nestor Procup, VE3NPS; Manuel Migueis, VE3MPT; Keith Fiske, VE3JQ; Al Johnstone, VE3JJV; Joe Abela, VE3EEX; Bob Gillespie, VE3BHN; and the "XYL" of VE3BBS, Linda Wright.

Following the door prizes, Woody closed the official part of the evening and invited those in attendance to stick around and get to know one another.

Heard on the VHF radio:

- First voice: Our radar has you on a collision course with us. You should alter course 10 degrees south.
 Second voice: We have you on our radar. Suggest you alter course 10 degrees north.
 First voice: We have Admiral Collins on board. Strongly suggest you bear 10 degrees south. This is a battleship.
 Second voice: This is Tyrone Waltermann. Still suggest you bear 10 degrees north. This is a lighthouse!

*From the Happy Club, 73 de Miguel, KB4WWE @
KF4OJ.#ARCFL.FL.USA.NA*

EMCAB-2 Advisory Bulletin of Concern to RAC

Industry Canada has killed TRC-86 but resurrected it under an advisory bulletin called EMCAB-2 which appeared in the Canada Gazette recently. It is now in effect, but is not a regulation nor mandatory, but states that with the Department's present Power of Determination under the Radiocommunication Act, the origin of harmful interference may be assessed by an Inspector by measurement of radiated field strength levels.

RAC has concerns that the main issue of manufacturing standards has not been addressed, nor has the operational procedure been developed for making the measurement. Reducing power to meet the levels specified will permit continued operation, but it does nothing to address the social inconvenience of the complainant since the manufacturer has no obligation for immunity of products, according to a RAC news release. Furthermore, RAC objects to associated equipment which contains tuners for broadcast reception (example VCRs), escaping any form of type approval.

"Essentially, the inequity of the principle of spectrum sharing has not been addressed either, and this concerns us greatly," says Ralph Cameron VE3BBM, speaking on behalf of RAC.

*From the RAC News Bulletin 17-94, Packet Edition 25
June 1994—Editor: Cam Inglis, VE3UXN@VE3CDY and
Packet Editor/Transmission: Steve Cutway
VE3GRS@VE3CDY.*

How to sink a ground rod

by Ralph Grover, NS2S

When it was time to install the ground rods for my station some years ago, I climbed up a wobbly step ladder and pounded away at the wobbly rods with a sledge hammer until they sank to the right level. Their tops ended up battered like circus tent pegs.

I recently observed the installation of a ground rod for the new N3VT repeater, and found out how the pros do it. Don, N2GHV, who puts in lots of ground rods in his business, chucked the rod into a heavy-duty half inch electric hammer-drill, and zipped it into the ground slick as a whistle in 30 seconds—no banging and no cauliflower deformation at the top of the rod.

from the "Peconic Amateur Radio Club Newsletter"—Ralph Grover, NS2S, Editor; via the September '94 ARNS Bulletin—David M. Barton, AF6S, Editor.

Neighbour ends fight on use of ham radio

LITTLE EGG HARBOR TOWNSHIP - After seven years of fighting, the last four in court, a township resident has settled his dispute with his ham radio operating neighbours by buying their house.

Based on a settlement reached Wednesday, Robert Schnabel of 16 Demaret Court will pay \$96,000 to buy the home of his neighbours, Anthony and Sharon Marino, 12 Demaret Court. The Marinos' homeowners insurance company, Aetna, will cover \$17,500 of that cost, Schnabel said.

Schnabel and neighbours Michael R. and Marlene Morris of 35 Hogan Court, sued the Marinos, saying the Marinos' amateur radio station, with its towering 64-foot antenna, was electronically interfering with their lives.

They say the Marinos' radio signals pour into their homes through their televisions, telephones, answering machines and even their doorbells. They say the problem has been steadily getting worse, despite persistent pleas for relief.

The Marinos, were told by their lawyer, Judith A. Schneider of Evesham Township, not to speak with the media, could not be reached for comment yesterday, nor could Schneider.

"I'm satisfied as far as the thing being over," Schnabel said yesterday. "We got what we set out to get. It cost a hell of a lot more than we expected."

In their lawsuit, the plaintiffs had asked to have the ham radio operation shut down. They also wanted the Marinos to pay for their legal expenses, as well as more than \$90,000 to cover the loss of property value they say their homes suffered because of the Marinos' radio.

They got neither under the settlement. Schnabel has taken it upon himself to pay the more than \$35,000 in legal bills he and the Morrisses have racked up, because he is a widower with no immediate dependents and the Morrisses have three young children.

Schnabel's wife, Sophia, one of the original plaintiffs, died

of cancer in January. Schnabel said he plans to resell the Marino home as soon as he can. Since the radio station will be shut down, the property values on the Schnabel and Morris homes should climb back up, he said.

Aetna had been paying the Marinos' legal bills all along, and the plaintiffs' lawyer, Joseph P. Quinn of Belmar, said he believed the insurance company would have used its deep pockets to fight as long as it could.

The suit was predicated on the idea that the Marinos were essentially electronically trespassing in the Morris and Schnabel homes. However, it appeared that federal laws favoured the Marinos. According to spokesman for the Federal Communications Commission and the American Radio Relay League, a hobby group, federal laws generally favour the rights of radio operators, because they can use their radios in times of emergencies.

But the Morrisses and Schnabel were optimistic they could win if the case were put before a jury. Schnabel said he would have liked to see it go that far, but admitted the cost might have proved prohibitive. "I am not a millionaire," he said.

"I think everybody came out feeling happy," said Mrs. Morris. "As long as I'm able to live in my home in peace, I guess it's worth it in the long run."

According to the settlement, the Marinos will be able to live in the house as Schnabel's tenants for a "reasonable period of time" before they must move. Schnabel said he thinks two or three months should be adequate for them to find a new home.

from the Asbury Park Press (Friday, Aug. 26, 1994 pg A12); via N2TDU@N2KZH.NJ.USA.NA

Ten-Tec offering kits

Ten-Tec of Sevierville, Tenn. now offers a line of kits for ham radio, shortwave listening, and hobby electronics.

According to their new "T-Kit" catalog, Ten-Tec intends to fill the void left by Heathkit and other companies that once offered quality products in kit form.

Several prototype kits were on display at this year's Dayton Hamvention, including a 9-band shortwave receiver (\$39), a six-metre SSB-CW-FM transverter that works with any 20-metre HF transceiver (\$95), a 10-memory 2-metre FM transceiver (\$195), and a variety of "module boards."

Representatives at Dayton emphasized that the current catalog listings are only the beginning. Ten-Tec's expanding kit offerings will eventually include kit versions of their high-quality manufactured ham equipment.

If you have an idea for a kit, Ten-Tec wants to hear about it. To express your idea, or to order a T-Kit catalog, write:

T-Kits
1185 Dolly Parton Parkway
Sevierville, TN 37862-3710
U.S.A.

from the June '94 Ozarks ARS "Signal Report"—Gary Myers, KY0B, Editor; via the September '94 ARNS Bulletin—David M. Barton, AF6S, Editor.